

95TH CONGRESS  
2D SESSION

# H. R. 11736

IN THE HOUSE OF REPRESENTATIVES

MARCH 22, 1978

Mr. JEFFORDS (for himself, Mr. AKAKA, Mr. ALLEN, Mr. BRODHEAD, Mr. EILBERG, Mr. DELLUMS, Mr. BONKER, Mr. BEDELL, Mr. CARTER, Mr. FREY, Mr. HETTEL, Mr. MOFFETT, Mr. NEAL, Mr. PRESSLER, Mr. MADIGAN, Mr. MITCHELL of Maryland, Mr. MURPHY of Pennsylvania, Mr. PEASE, and Mr. SCHEUER) introduced the following bill; which was referred to the Committee on International Relations

## A BILL

To authorize the Secretary of State to implement solar energy and other renewable energy projects in certain buildings owned by the United States in foreign countries.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*  
3 That this Act may be cited as the "Foreign Mission Solar  
4 Energy Demonstration Act".

5 SEC. 2. (a) It is the purpose of this Act to demonstrate  
6 solar energy and other renewable energy technologies in for-  
7 eign countries by using such energy in buildings acquired  
8 under subsection (a) of the first section of the Foreign  
9 Service Buildings Act (22 U.S.C. 292 (a) ), in order that—

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1 to develop and use local solar energy or other renew-  
2 able energy resources to reduce dependence upon petro-  
3 leum and petroleum products;

4 (2) markets may be developed for American solar  
5 energy systems and components in order to stimulate  
6 investment in such systems and components and to re-  
7 duce the costs of such systems and components to  
8 reasonable levels;

9 (3) in order to further the purpose of section 119 of  
10 the Foreign Assistance Act of 1961, cooperation may  
11 be developed between the United States and other coun-  
12 tries in an effort to develop solar energy or other renew-  
13 able energy systems within a short period of time; and

14 (4) equipment which is vital to the operation of  
15 sensitive systems within United States missions abroad  
16 may be made more self-sufficient and reliable and will  
17 not be dependent upon interruptible local energy sup-  
18 plies.

19 (b) (1) The Secretary of State shall implement projects  
20 for the application of solar energy or other forms of re-  
21 newable energy in buildings acquired under subsection (a)  
22 of the first section of the Foreign Service Buildings Act.

23 (2) The Secretary of State shall select projects under  
24 paragraph (1) in consultation with the Secretary of Energy.

1 Such projects shall apply available solar energy and other  
2 renewable energy technologies, including those for—

3 (A) the heating and cooling of buildings;

4 (B) solar thermal electric systems;

5 (C) solar photovoltaic conversion systems;

6 (D) wind energy systems; and

7 (E) systems for developing fuels from biomass.

8 The Secretary of Energy shall inform the Secretary of State  
9 of all such technologies which are feasible for such projects,  
10 taking into account the resources and environmental condi-  
11 tions of the host countries concerned. Upon the request of  
12 the Secretary of State, the Secretary of Energy shall pro-  
13 vide to the Secretary of State such technical information or  
14 other technical assistance, with respect to any project, as  
15 the Secretary of State considers necessary. Any project  
16 selected under this section should be similar to projects which  
17 have been demonstrated by the Department of Energy or its  
18 predecessors to be reliable, maintainable, and technically  
19 feasible.

20 (3) Any project selected under this section shall be  
21 adaptable to the local resources, climactic conditions, and eco-  
22 nomic circumstances of the host country in order that such  
23 country will more likely implement similar projects.

24 (4) The Secretary of State shall take the steps neces-

1 sary to insure that any project selected under this section is  
2 demonstrated to, and available for inspection by, officials  
3 and other citizens of the host country.

4 (5) In selecting projects under this section, the Secretary  
5 of State shall give priority to projects to be implemented in  
6 less developed countries.

7 (c) Whenever any building is constructed under the au-  
8 thority contained in the first section of the Foreign Service  
9 Buildings Act, the Secretary of State shall take the steps  
10 necessary to insure that the planning for such construction  
11 takes into account those renewable energy systems which  
12 are available in the country in which the building is to be  
13 constructed.

14 (d) There are authorized to be appropriated to carry  
15 out this section for the fiscal year beginning on October 1,  
16 1978, \$5,000,000.

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Referred to the Committee on International Relations